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Approved for use through 10/31/2002. OMB 0651 P032

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UTILITY PATENT APPLICATION **TRANSMITTAL**

|600-1-158N DIV Attorney Docket No. Robert H. Masure First Inventor CHOLINE BINDING PROTEINS FOR

| (Only for new nonprovision | nal applications under 37 CFR 1.53(b) |) E | xpress | Mail Label No. | EL68449 | 0894 | IUS |
|---|---|------------|---|---------------------------------|-----------------------------|------------------|----------------------------|
| | | | | · | <u> </u> | nmissio | oner for Patents |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. | | | ADDI | | Box Patent A Washington, | | |
| | <i>seming utility patent application contell</i> orm (e.g., PTO/SB/17) | us. | 7. | CD-ROM or CD | | | |
| 1. Submit an original and a | duplicate for fee processing) | | | Computer Progr | am (<i>Appendi</i> | x) | ľ |
| 2. Applicant claims s See 37 CFR 1.27. | | | Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) | | | | ubmission |
| 3. X Specification (preferred arrangement) | [Total Pages 124] | | a. [| Computer Rea | | CRF) | |
| - Descriptive title | of the invention | | b. S | — pecification Seque | nce Listing o | n: | |
| | e to Related Applications arding Fed sponsored R & D | | | i. CD-RO | M or CD-R (2 | 2 copie | s); or |
| - Reference to se | equence listing, a table, | | | ii. 🗵 paper | | | |
| or a computer p - Background of | orogram listing appendix the Invention | | с. | X Statements ve | erifying identit | y of ab | ove copies |
| - Brief Summary | of the Invention | / | | CCOMPANYIN | IG APPLIC | ATIC | ON PARTS |
| - Detailed Descri | n of the Drawings (<i>if filed</i>) ption | V | 9. X | Assignment Pa | | | |
| - Claim(s) - Abstract of the | Disclosure | | 10. | 37 CFR 3.73(b (when there is |) Statement | | Power of Attorney |
| 4. X Drawing(s) (35 U | I.S.C. 113) [Total Sheets 18 |] , | 11. | English Transl | ation Docume | ent <i>(if a</i> | applicable) |
| | Formal [Total Pages 6 |]] | 12. 🚺 | Information Dis | | | Copies of IDS Citations |
| a. Newly exec | uted (original or copy) | | 13. Z | Preliminary An | nendment | | |
| b. X Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) | | | 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | | | | |
| i. DELETION OF INVENTOR(S) | | | 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) | | | | |
| Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR | | | Request and Certification under 35 U.S.C. 122 | | | | |
| 1.63(d)(2) | and 1 33(b). | | "- | | | | form PTO/SB/35 |
| 6. Application Data | Sheet. See 37 CFR 1.76 | | 17. 3 | | | | er of Compute |
| 18. If a CONTINUING APPLI | CATION, check appropriate box, and | supply | | → Reac | | | pplementatl |
| or in an Application Data She | | - C. M.M. | | | | | |
| Continuation X Divisional Continuation-in-part (CIP) of prior application No | | | | |) | | |
| Prior application information: Examiner M. Mosher Group Art Unit: 1648 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under | | | | | | | |
| Box 5b, is considered a part o | f the disclosure of the accompanying co | ntinuatio | on or divi | sional application a | nd is hereby i | ncorpoi | |
| The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | | | | | |
| 19. CORRESPONDENCE ADDRESS | | | | | | | |
| Customer Number or Bar C | ode Label 23565 Unisert Customer No. or Aff. | ach bar co | de label her | or | Correspor | ndence a | ddress below |
| Name | Klauber & Jackson | | | | | | |
| | 411 Hackensack Avenue | | | | | | |
| Address | | | · · · · · · · · · · · · · · · · | | | | |
| City | Hackensack | s | tate | New Jersey | Zip | Code | 07601 |
| Country | United States | Teleph | hone | 201-487-580 | 0 | эx | 201-343-1684 |
| Name (Print/Type) | Michael D. Davis | | Regis | stration No. (Atto | rney/Agent) | 39,1 | .61 |
| Signature | Mechael D. Davis | | | | Date | 1 | il 9, 2001 |

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 1,836.00

| Complete if Known | | | |
|-------------------------------|------------------|--|--|
| Application Number unassigned | | | |
| Filing Date | herewith | | |
| First Named Inventor | Robert H. Masure | | |
| Examiner Name | unknown | | |
| Group Art Unit | unknown | | |
| Attorney Docket No. | 600-1-158N DIV | | |

| METHOD OF PAYMENT | FEE CALCULATION (continued) | | | | | |
|---|--|--|--|--|--|--|
| 1. X The Commissioner is hereby authorized to charge indicated fees and credit any overnayments to: | 3. ADDITIONAL FEES | | | | | |
| indicated fees and credit any overpayments to: Deposit | Large Small | | | | | |
| Account Number 11-1153 | Entity Entity Fee Fee Fee Fee Fee Description Fee Paid | | | | | |
| Deposit | Code (\$) Code (\$) | | | | | |
| Account | 105 130 205 65 Surcharge - late filing fee or oath | | | | | |
| Name L | 127 50 227 25 Surcharge - late provisional filing fee or | | | | | |
| Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 | cover sheet | | | | | |
| Applicant claims small entity status. | 139 130 139 130 Non-English specification | | | | | |
| See 37 CFR 1.27 | 147 2,520 147 2,520 For filing a request for ex parte reexamination | | | | | |
| 2. X Payment Enclosed: | 112 920* 112 920* Requesting publication of SIR prior to Examıner action | | | | | |
| Check Credit card Order Other | 113 1,840* 113 1,840* Requesting publication of SIR after | | | | | |
| FEE CALCULATION | Examiner action | | | | | |
| 1. BASIC FILING FEE | 115 110 215 55 Extension for reply within first month | | | | | |
| Large Entity Small Entity | 116 390 216 195 Extension for reply within second month | | | | | |
| Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid | 117 890 217 445 Extension for reply within third month | | | | | |
| 101 710 201 355 Utility filling fee 710.00 | 118 1,390 218 695 Extension for reply within fourth month | | | | | |
| 106 320 206 160 Design filing fee | 128 1,890 228 945 Extension for reply within fifth month | | | | | |
| 107 490 207 245 Plant filing fee | 119 310 219 155 Notice of Appeal | | | | | |
| 108 710 208 355 Reissue filing fee | 120 310 220 155 Filling a brief in support of an appeal | | | | | |
| 114 150 214 75 Provisional filing fee | 121 270 221 135 Request for oral hearing | | | | | |
| SUBTOTAL (1) (\$) 710.00 | 138 1,510 138 1,510 Petition to institute a public use proceeding 140 110 240 55 Petition to revive - unavoidable | | | | | |
| 2. EXTRA CLAIM FEES | | | | | | |
| Fee from | 141 1,240 241 620 Petition to revive - unintentional 142 1,240 242 620 Utility issue fee (or reissue) | | | | | |
| Extra Claims below Fee Paid Total Claims 47 -20** = 27 × 18.00 = 486.00 | 143 440 243 220 Design issue fee | | | | | |
| Independent $11 - 3^{**} = 8 \times 80.00 = 640.00$ | 144 600 244 300 Plant issue fee | | | | | |
| Claims | 122 130 122 130 Petitions to the Commissioner | | | | | |
| | 123 50 123 50 Processing fee under 37 CFR 1.17(q) | | | | | |
| Large Entity Small Entity | 126 180 126 180 Submission of Information Disclosure Stmt | | | | | |
| Fee Fee Fee Fee Description Code (\$) Code (\$) | 581 40 581 40 Recording each patent assignment per | | | | | |
| 103 18 203 9 Claims in excess of 20 | property (times number of properties) | | | | | |
| 102 80 202 40 Independent claims in excess of 3 | 146 710 246 355 Filing a submission after final rejection (37 CFR § 1 129(a)) | | | | | |
| 104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 ** Reissue independent claims | 149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b)) | | | | | |
| over original patent 110 18 210 9 ** Reissue claims in excess of 20 | 179 710 279 355 Request for Continued Examination (RCE) | | | | | |
| and over original patent | 169 900 169 900 Request for expedited examination of a design application | | | | | |
| SUBTOTAL (2) (\$) 1,126.00 | Other fee (specify) | | | | | |
| **or number previously paid, if greater; For Reissues, see above | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) | | | | | |
| p. c day, para, grader, . a telegaco, coo doord | | | | | | |

| SUBMITTED BY | | | | Complete (if applicable) | | |
|------------------|------------------|--|-----------|--------------------------|--|--|
| Name (PnntiType) | Michael D. Davis | Registration No. (Attorney/Agent) 39,161 | Telephone | 201-487-5800 | | |
| Signature | Mechael D. Devis | | Date | April 9, 2001 | | |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

ROBERT H. MASURE ET AL.

SERIAL NO.:

UNASSIGNED

EXAMINER:

UNKNOWN

FILED

HEREWITH

ART UNIT

UNKNOWN

FOR

CHOLINE BINDING PROTEINS FOR ANTI-PNEUMOCOCCAL

VACCINES

REQUEST FOR TRANSFER OF COMPUTER READABLE FORM

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

Sir:

Applicants request that the previously submitted sequence information filed in computer readable form in Application Number 08/847,065 be used in the present Application. This sequence information was on the second computer readable form filed in that Application.

Respectfully submitted,

MICHAEL D. DAVIS Attorney for Applicant(s) Registration No. 39,161

KLAUBER & JACKSON 411 Hackensack Avenue Hackensack, NJ 07601 (201) 487-5800

Date: April 9, 2001